

Hypothetical Upriver Spring Chinook Sharing Agreements For Discussion Purposes Only

Fixed allocation of upriver ESA impacts

- Used in 2004-2005 (60/40) and 2006-2007 (57/43)
- Straightforward but inflexible

Fixed allocation of upriver ESA impacts with flexibility to meet important fishery objectives

- Provide framework of fixed allocation
- Allow some deviation to meet important fishery objectives

No formal allocation. Manage fisheries to meet other allocation and conservation objectives (eg Willamette allocation, wild steelhead impact rate, etc) and close fisheries when the combined non-Indian upriver allocation is achieved.

- Would need to develop some management guidelines to distribute the fisheries across time and area
- Favors the earliest, most efficient fisheries

Sliding scale based on upriver run size and management priority

- Small UR runs – SAFE and early sport fishery in lower river
- Medium UR runs – SAFE, lower river sport fishery, some early MS commercial fishing to access Willamette fish
- Large UR runs – SAFE, lower river sport fishery, upriver sport fishery, early commercial fishing to access Willamette fish, late commercial fishing to mop-up

Sliding scale based on Willamette run size and management priority

- Small Willamette runs – SAFE and sport fishery above I-5
- Medium Willamette runs – SAFE, lower river sport fishery, early commercial fishing to access Willamette fish
- Large Willamette runs – SAFE, lower river sport fishery, early commercial fishing to access Willamette fish

2002-2003 Matrix based on Willamette and upriver run sizes

- Objective of matrix was to balance the landed catch between mainstem recreational and commercial sectors
- Assumed similar catch and release mortality rate for hook and line versus tangle net

Matrix based on Willamette and upriver run sizes

- Objective to provide reasonable access to Willamette commercial allocation

	Small Willamette (1%)	Medium Willamette (24%)	Large Willamette (31%)
Small Upriver (0.5)	60/40	60/40	60/40
Medium Upriver (1.0-2.0)	70/30	60/40	50/50
Large Upriver (>2.0)	80/20	60/40	50/50

Timed release of impacts combined with an allocation framework

- No more than 60% of allowable impacts taken prior to run size update in late April or early May
- Pre-run size update impacts shared 70/30 sport/commercial
- Impacts remaining after run size update shared 50/50 with provision for commercial mop-up of any unused impacts in late May

Seasonal approach similar to pre-ESA

- Commercial fishery downstream from I-5 Bridge closes no later than March 10 or March 16
- Commercial fishery re-opens in late April/May above or below I-5 Bridge if impacts are available
- Recreational fishery downstream from I-5 Bridge closes March 31 and extends into April/May if impacts are available
- Recreational fishery above I-5 Bridge closed except on large runs

Prioritize and allocate impacts needed to achieve objectives

- No explicit allocation
- Develop list of priorities and impacts needed to achieve

Total	SAFE and Shad	MS Sport	Wanapum and SR Sport	MS Comm.
0.5	0.2	0.2	0.1	0.0
1.0	0.2	0.6	0.1	0.1
1.5	0.3	0.8	0.2	0.2
1.6	0.3	0.9	0.2	0.2
1.7	0.3	0.9	0.3	0.2
1.9	0.3	1.0	0.3	0.3
2.0	0.3	1.1	0.3	0.3
2.2	0.3	1.1	0.3	0.5
2.3	0.3	1.2	0.3	0.5
2.5	0.3	1.2	0.3	0.7
2.6	0.3	1.2	0.3	0.8
2.7	0.3	1.2	0.3	0.9